AllerAir Industries

The 4000 Vocarb

Specially Designed for Airborne Chemicals and Odors

An impregnated activated carbon bed removes dangerous Volatile Organic Compounds (VOC).

Features:

Carbon:

- 12 lbs. of activated carbon impregnated with catalysis to increase adsorption capacity for specific VOC's. (AllerAir air quality experts can create custom blends to deal with almost any VOC.)

HEPA filtrationHEPA filtration

- HEPA filter traps 99.97% of particles as small as 0.3 microns.

Pre-filter

- Traps larger particles to prolong the life of your HEPA and Carbon filters.
- 2 anti-microbial filters suppress microorganisms around the filter.
- Easy and rapid cleaning can be done in 30 seconds.

Robust all-metal housing

- Baked enamel housing avoids the release of vapors from plastics and ensures that no harmful gasses are released.
- 18 gauge steel.
- Cylindrical shape maximizes airflow.

3-speed fan

- 400 cubic feet per minute
- Cleans up to 1200 square feet
- Can change air up to 12 times an hour in smaller rooms.
- Low electrical consumption (80 Watt average).

Options:

- Positive and negative air attachments. Attachment for central air system.
- Uv lamp for added sterilization
- Choose from among 40 special blends of carbon

What are VOC's ?

VOC's are chemicals released by many common household items:

- Upholstery
- Treated fabric
- Dry-cleaning
- Cleaning products
- Personal care products
- Wood furniture
- Carpets

The 4000 VOCARB

12 lbs. of specially impregnated activated carbon, combined with true HEPA to remove particles, chemicals, gases and odors.

Shipping Weight: 30 lbs

Invest in the health of your whole family with the AllerAir 4000 Vocarb.

AllerAir Industries Inc. Toll free 1-888-852-8247 / Fax: 1-877-688-2193 www.allerair.com

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The 4000 Vocarb

More on VOCs and the power of activated carbon.

Carbon is the most adsorbent material known to man and has been used to purify air and water for thousands of years.

With the introduction of poisonous gases during World War I, the military developed large scale production methods for adsorbent carbons suitable for use in gas-masks.

These wartime advances in mass-producing activated carbons led to a post-war expansion in commercial production and applications of this amazingly versatile substance.

Count on AllerAir units to offer you the most carbon filtration!

Facts about VOCs

- EPA studies have found that levels of about a 12 common organic pollutants are 2 to 5 times higher inside homes than outside, regardless of whether the homes were located in rural or highly industrial areas.
- The EPA also notes that while people are using products containing VOCs, they can expose themselves and others to very high pollutant levels whcih persist in the air long after the activity is completed.
- Many VOCs are also known carcinogens.

Dangerous health effects associated with VOCs

- Eye, nose and throat irritation
- Headaches, nausea and diminished coordination
- Liver, kidney and central nervous system damage

Examples of VOCs often found in indoor air:

Formaldehyde
A known carcinogen found in some insulation, furniture, carpet, glue and tobacco smoke. Leads to burning in your throat, watery eyes, nausea, difficulty breathing, and it can bring on asthma attacks.

Mold micro-toxins
These highly carcinogenic VOCs are the by-product of mold infestations.

Tobacco smoke
A known carcinogen found to contain more than 4000 chemicals and gasses.

Methylene chloride
A known carcinogen found in aerosol paint and solvents. It is known to cause cancer in animals. In the body it can also cause symptoms associated with exposure to carbon monoxide.

Ammonia
Originate from cleaning products and litter boxes, these VOCs cause eye and skin irritation, nose bleeding and sinus problems

AllerAir air purifiers are packed with pounds of activated carbon, the same material used by the military to protect soldiers in the event of a chemical attack.

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